

WAKE COUNTY--Continued

354400078403401. County number, WK-288; DENR Lake Wheeler Research Station PZ-1.

LOCATION.--Lat 35°44'00.3", long 78°40'34.0", North American Datum of 1983, Hydrologic Unit 03020201, .6 mi south of Tryon Road, .2 mi east of Lake Wheeler Road on NCSU Research Farm. Owner: DENR (North Carolina Department of Environment and Natural Resources), Division of Water Quality.

AQUIFER.--Regolith (saprolitic quartz diorite).

WELL CHARACTERISTICS.--Drilled observation well, depth 50 ft, diameter 2 in., cased to 30 ft, screened interval from 30 ft to 50 ft.

INSTRUMENTATION.--Measured periodically with electric tape. (by DENR and USGS)

DATUM.--Land-surface datum is 350 ft above sea level. Measuring point: Top of 2-inch casing, 1.97 ft above land-surface datum.

REMARKS.--Well is part of Piedmont/Mountains groundwater project.

PERIOD OF RECORD.--July 2001 to September 2001.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 12.79 ft below land-surface datum, Aug. 1, 2001; lowest water level recorded 13.73 ft below land-surface datum, Sept. 13, 2001.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR JULY 2001 TO SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JUL 03	13.34	AUG 01	12.79	SEP 13	13.73

